

GENE	SIZE cDNA AND CT	METHOD FOR CT	SIZE: DIRECTION	SEQUENCE'S TO 3'	GENE ACC. NO.
GAPDH	496	ENZYME HPA II	20 SENSE	GGTGAAGGGGGAGTCACG	J04038
CT	442	INSERT DNA	20 SENSE	CAAAGTTGTCATGGATCACC	K02056
IL-2	149		20 SENSE	CCTGGAGGAAGTCATAAA	
CT	178		20 SENSE	ATGGTGTGTCATCAGC	
IL-4	227	PRIMER DELETION	21 SENSE	TTCACAGCCACCATGAAAG	M23442
CT	159		21 SENSE	CAGCTCGAACACTTGAAAT	
IL-7	516	4-PRIMER	25 SENSE	TTTGGTATACTTGGACATCTTC	J04156
CT	418		21 SENSE	GTGTTCTTGTGCCATCAA	
IL-8	271	DOUBLE SENSE	22 SENSE	TCTCTTGGCAGCCCTCT	M68912
CT	242		25 SENSE	AATTCAGCCCTCAAAACTT	
IL-10	518	617 ENZYME SSPI	18 SENSE	GCCGTGGAGCAGGGAG	X78417
CT	518		18 SENSE	AAGCCCAGAGACAAGATA	
IL-15	409	ENZYME BSTBI	20 SENSE	CCCTGGCTTGTAGTAATGAG	X91233
CT	339		19 SENSE	CAGATCTGTACATTC	
IL-17	471	ENZYME ECO1091	17 SENSE	GGAGGCCATAGTGAAGC	U32659
CT	416		17 SENSE	GGGTCTGGCTCCATAC	
PERFORIN	369	ENZYME AVE II	17' SENSE	CCGCTCACACTCACAGG	M31951
CT	267		18 SENSE	CTGCCGTGGATGCCATC	
GRANZYME B	431	ENZYME DDE I	24 SENSE	GGGAAGCTCCATAATGTCACCT	M28879
CT	358		24 SENSE	TACACACAAGGGCCCTCAGAGT	
FAS-LIGAND	321	4-PRIMER	18 SENSE	GCCCTGTGTCCTTGTCGA	U11821
CT	236		18 SENSE	CCACACCTCTTAACTT	
TGF- $\beta$ 1	246	INSERT DNA	20 SENSE	CTCGGGATCTCTGTGATT	X14885-91
CT	290		20 SENSE	CTCAGACTGTGCTATGTTG	
IFN- $\gamma$	510	ENZYME ALU I	22 SENSE	CCAGACCATCCA AAAGACTGTG	A02137
CT	422		22 SENSE	CTA GTGGCCCTGAGATAAAG	
CTLA4	529	4-PRIMER	20 SENSE	GCAATGGCACCTGGCCAGCC	M28879
CT	459		22 SENSE	TTTCACATTCTGGCTCTGTGG	
RANTES	219	DOUBLE SENSE	20 SENSE	CGGCACGGCTCGGTGTCATC	M21121
CT	204		19 SENSE	TGTACTCCCCGAACCCATT	

FIG. 1

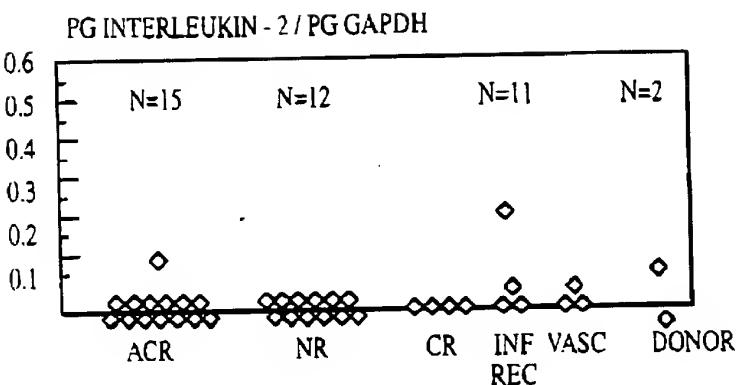


FIG. 2A

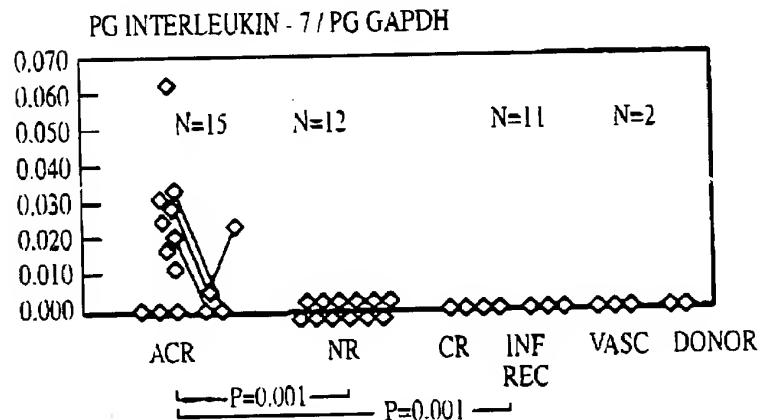


FIG. 2B

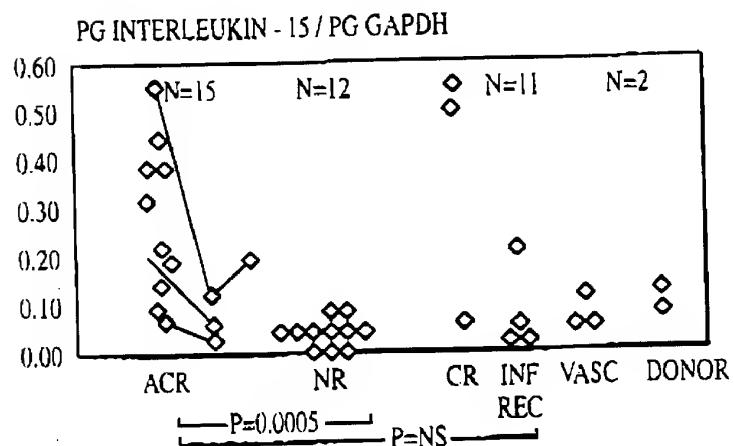


FIG. 2C

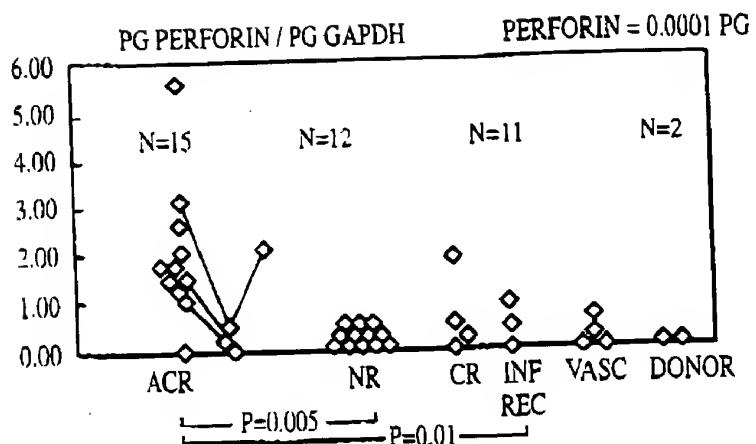


FIG. 2D

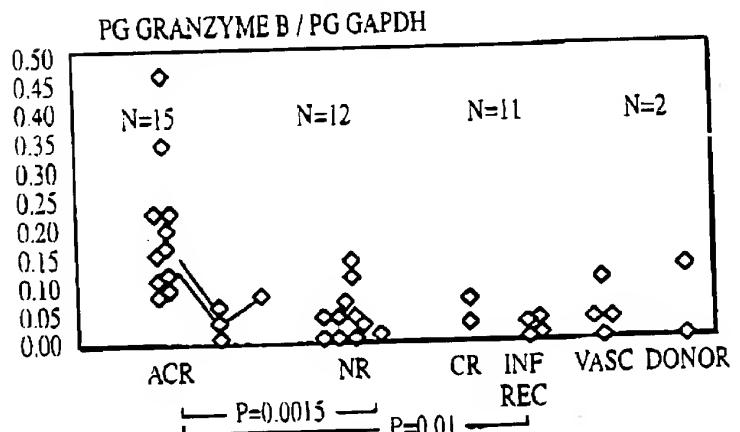


FIG. 2E

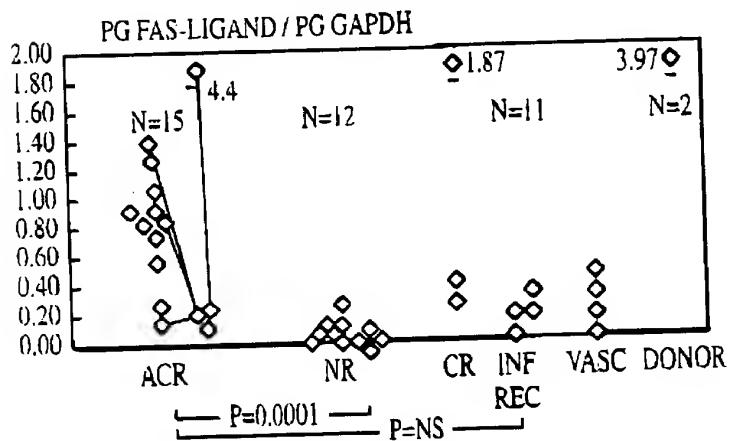


FIG. 2F

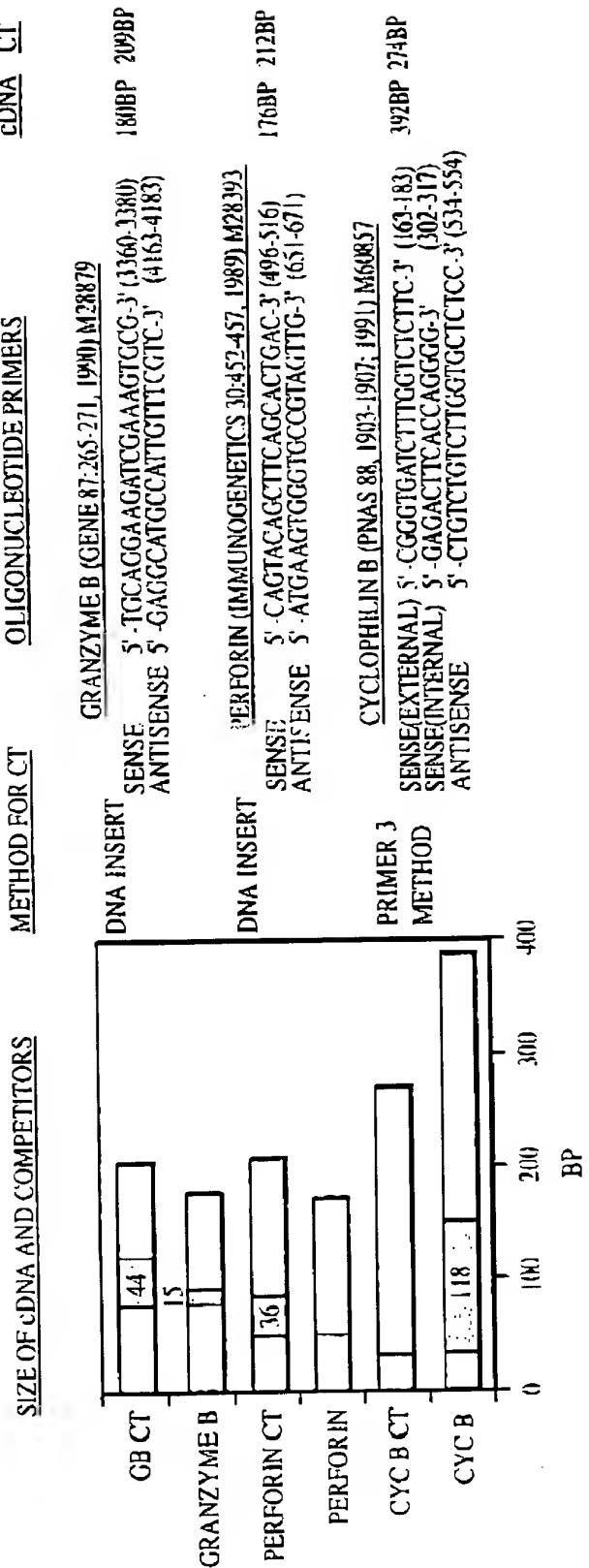


FIG. 3

## A. PERFORIN mRNA

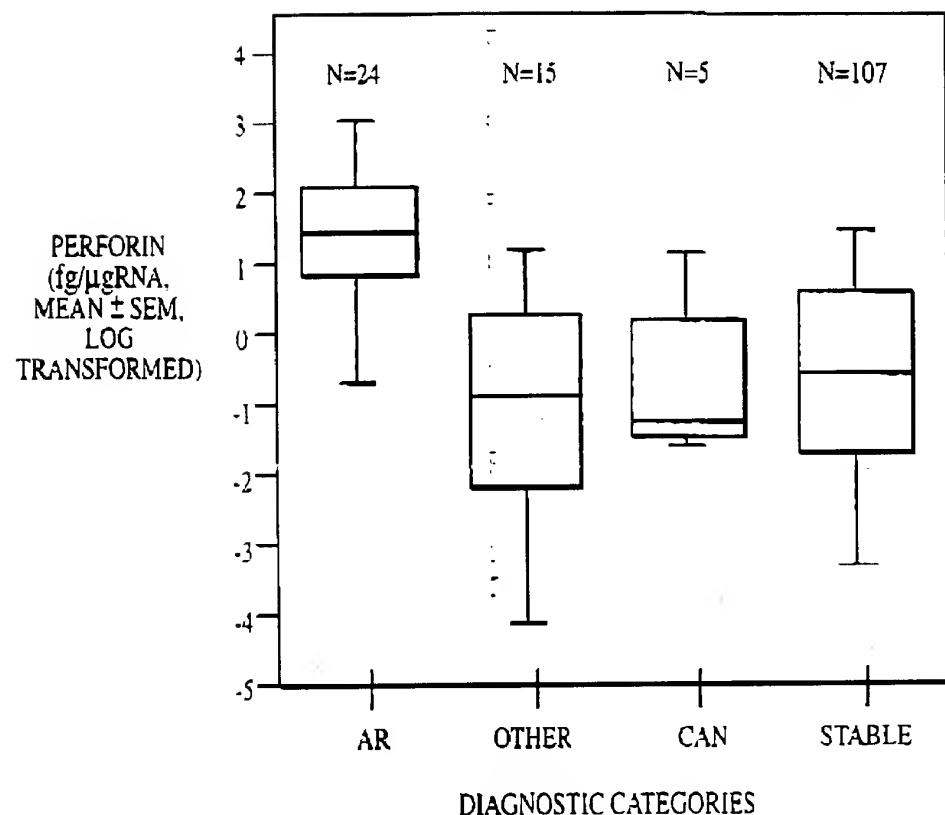


FIG. 4A

## B. GRANZYME B mRNA

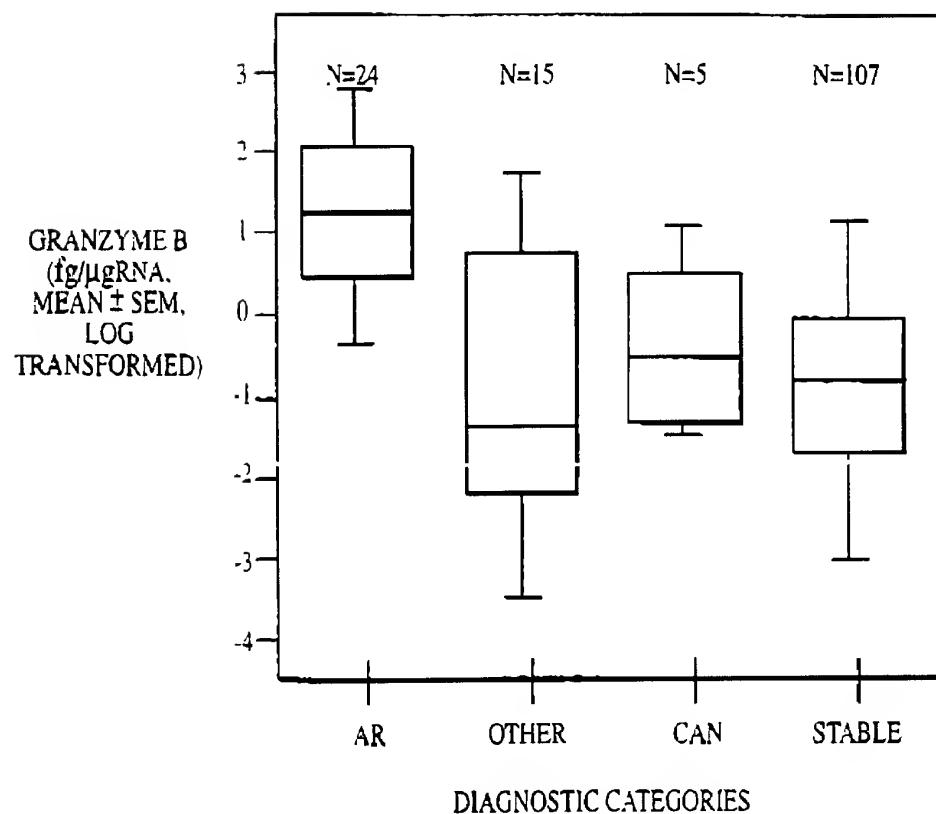


FIG. 4B

## C. CYCLOPHILIN B mRNA

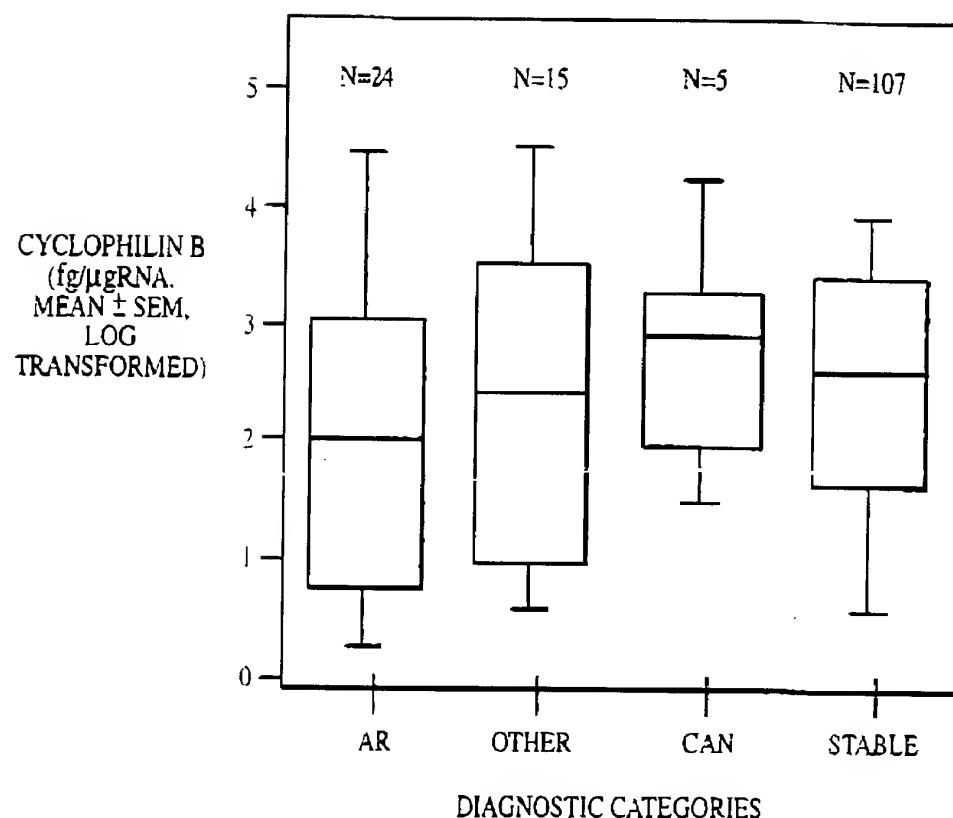


FIG. 4C

A. PERFORIN mRNA

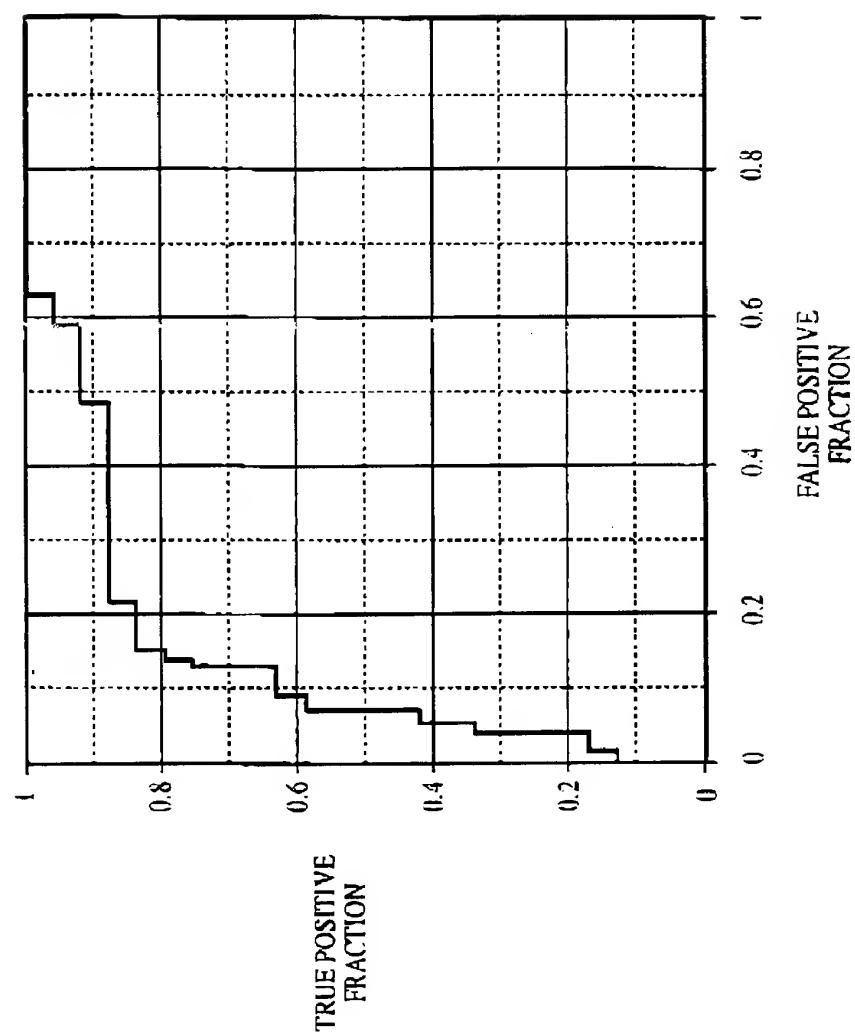


FIG. 5A

B. GRANZYME B mRNA

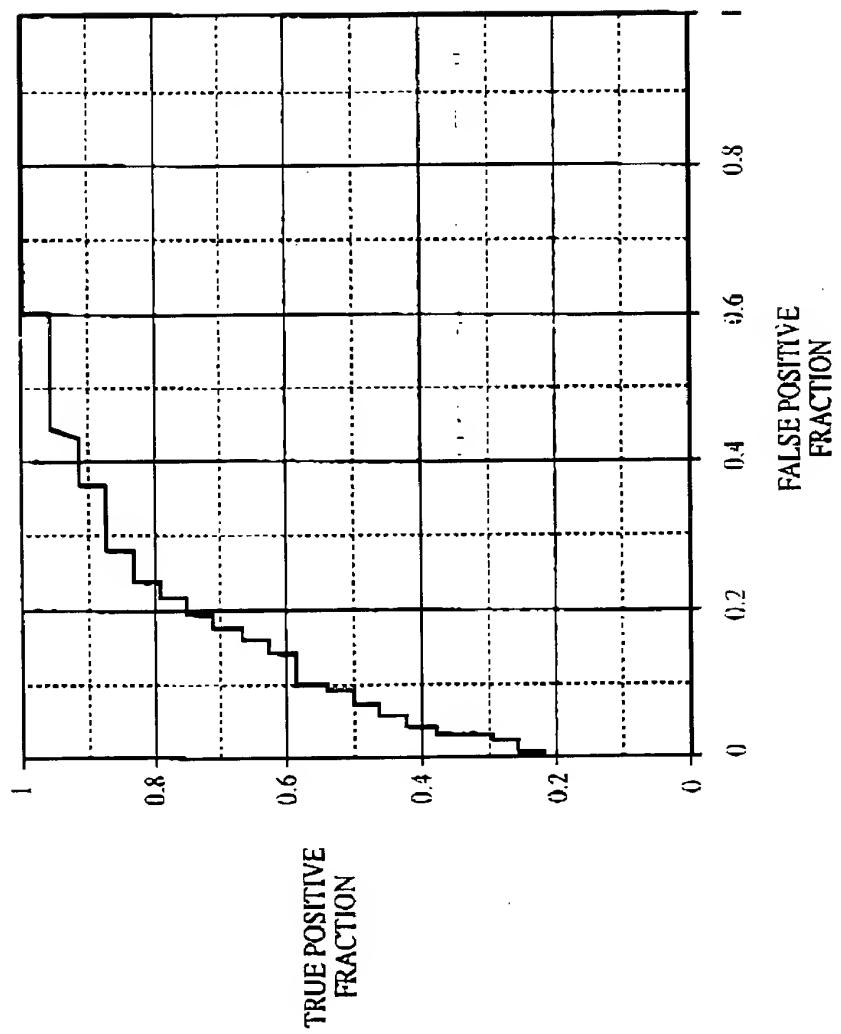


FIG. 5B

C. CYCLOPHILIN B mRNA

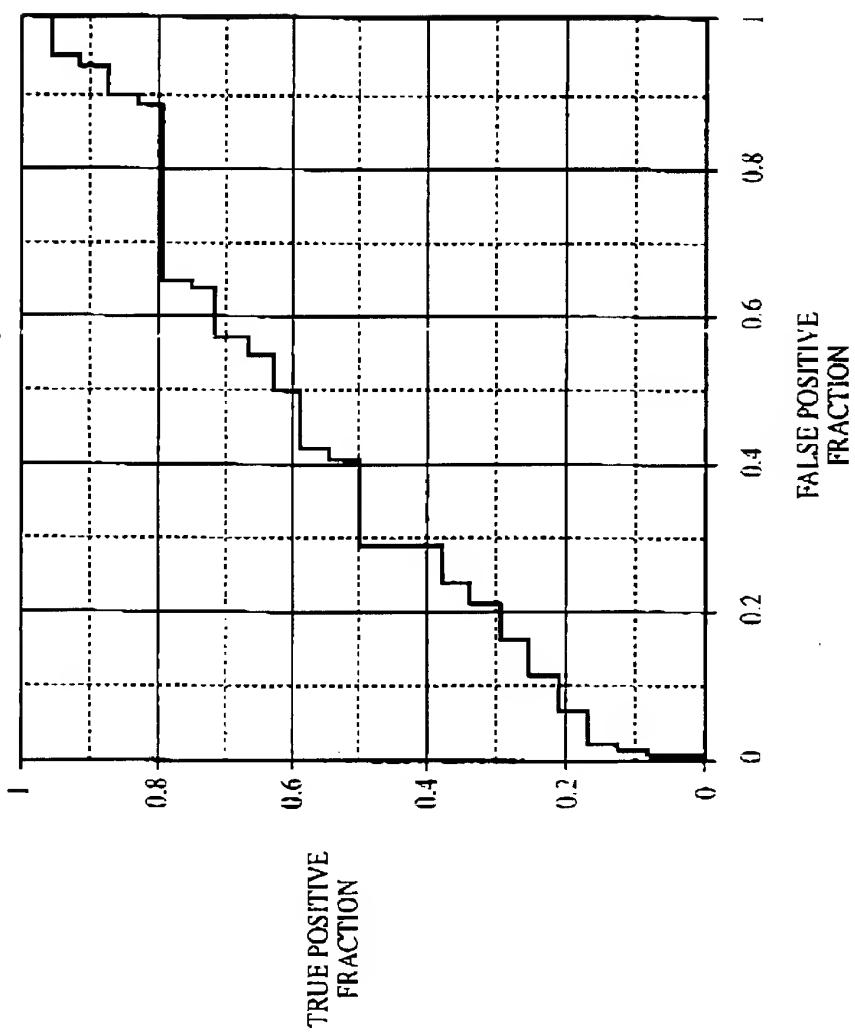


FIG. 5C

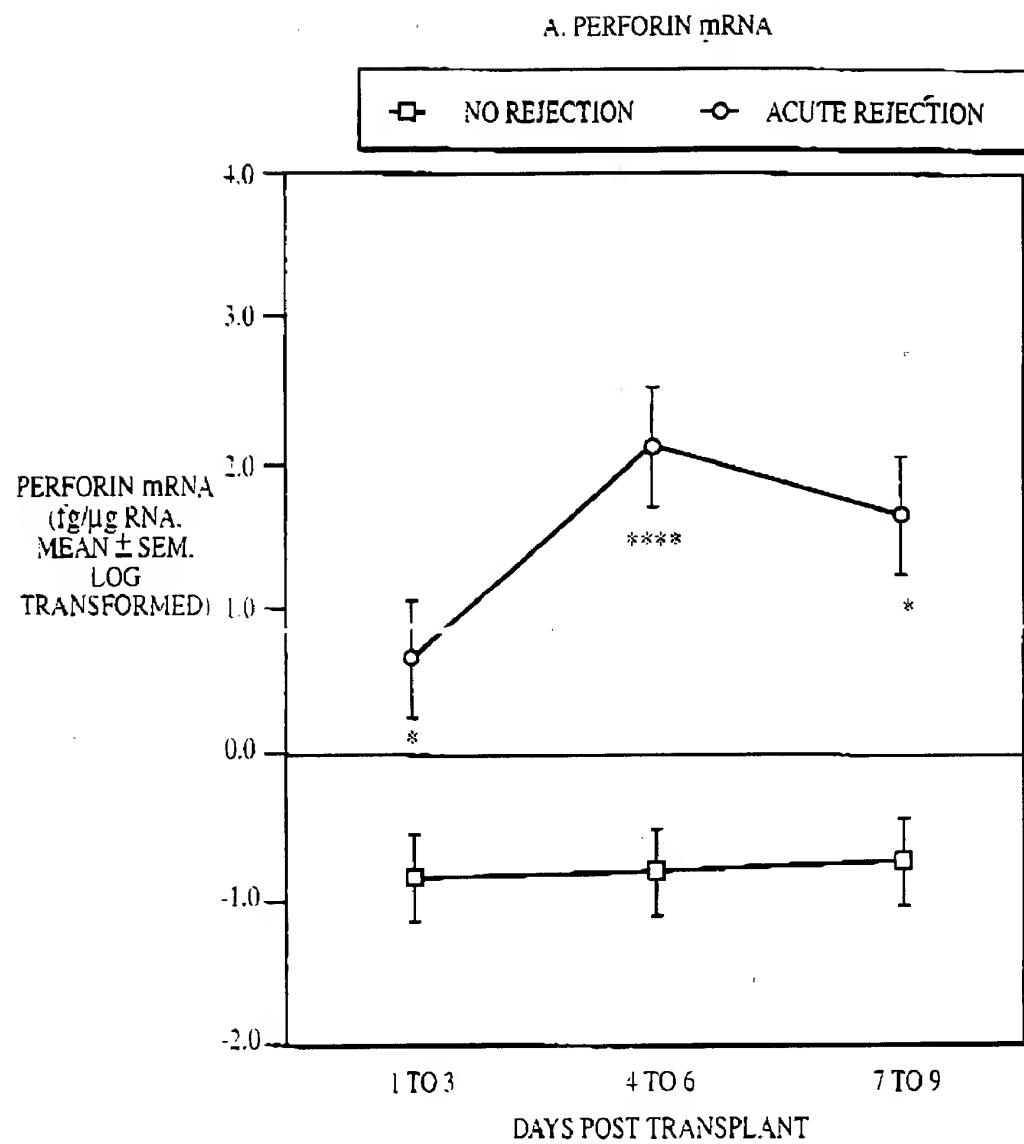


FIG. 6A

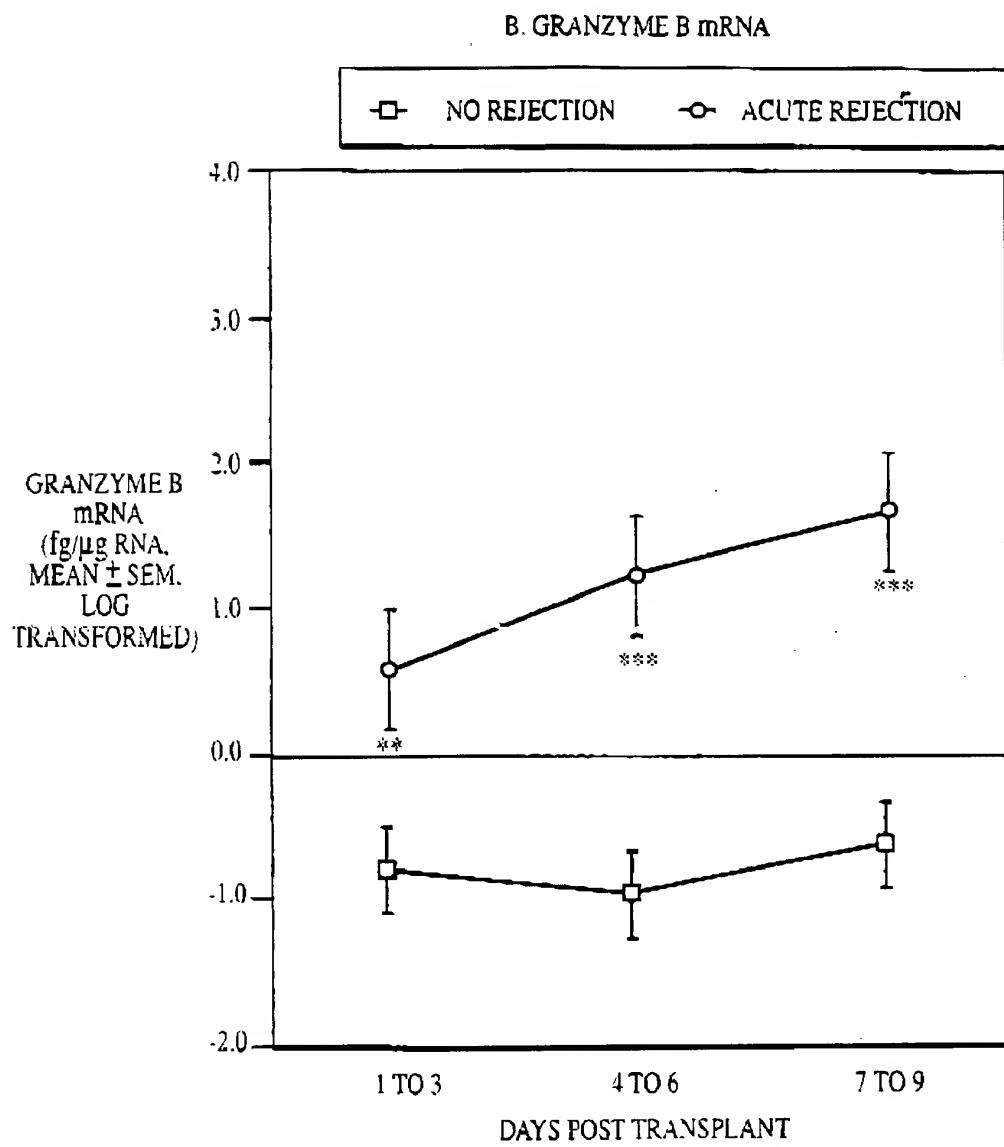


FIG. 6B

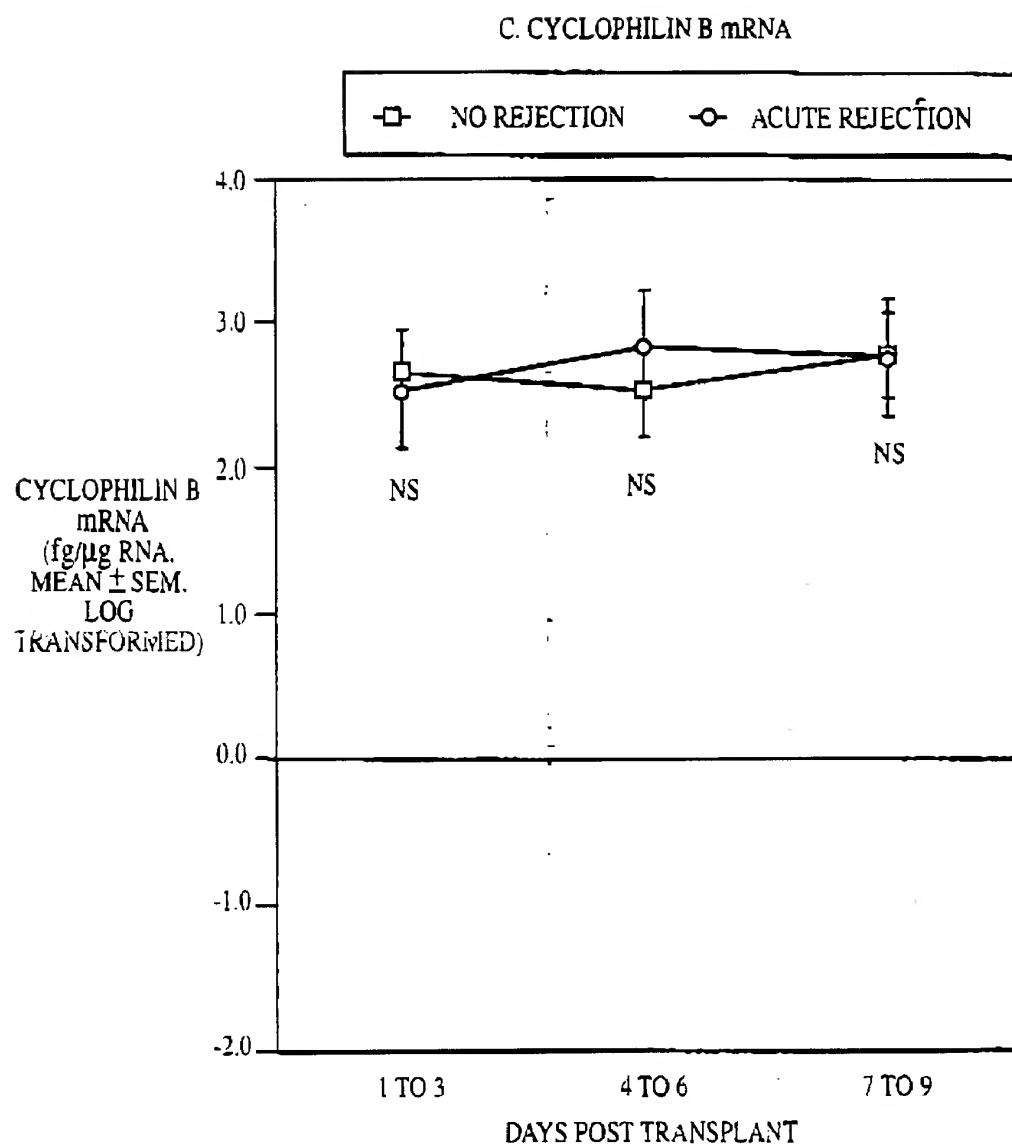


FIG. 6C

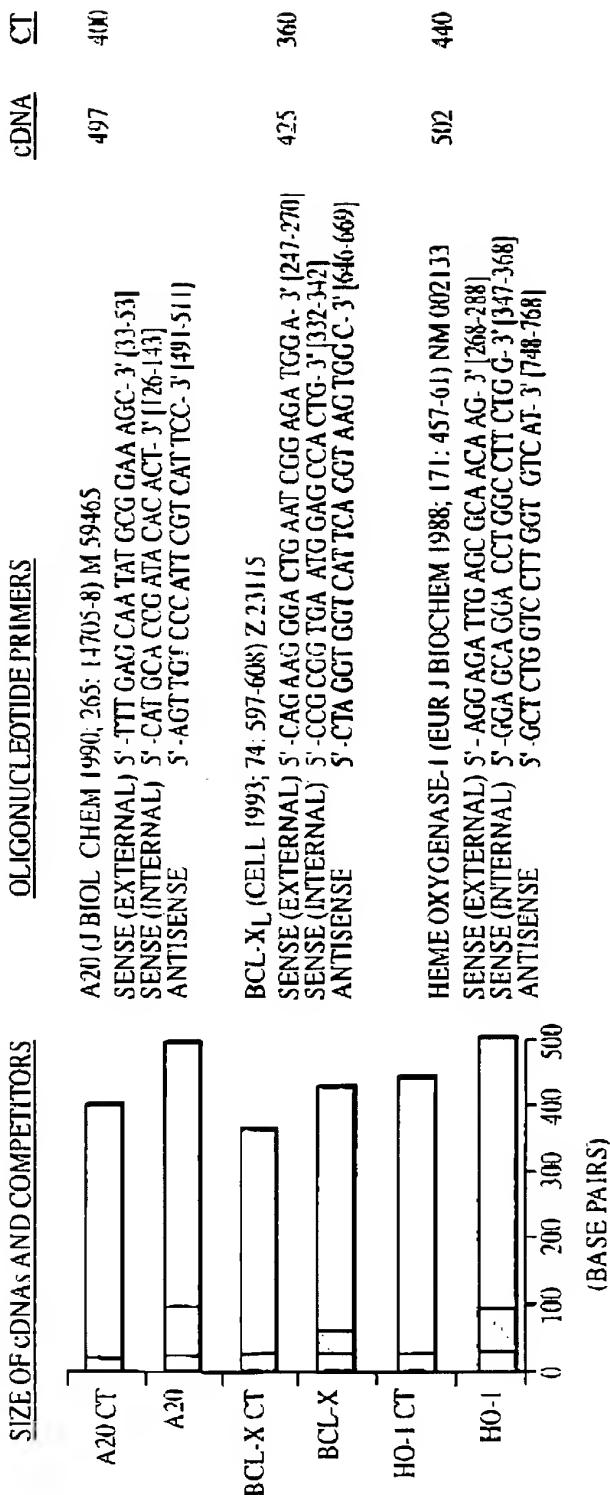
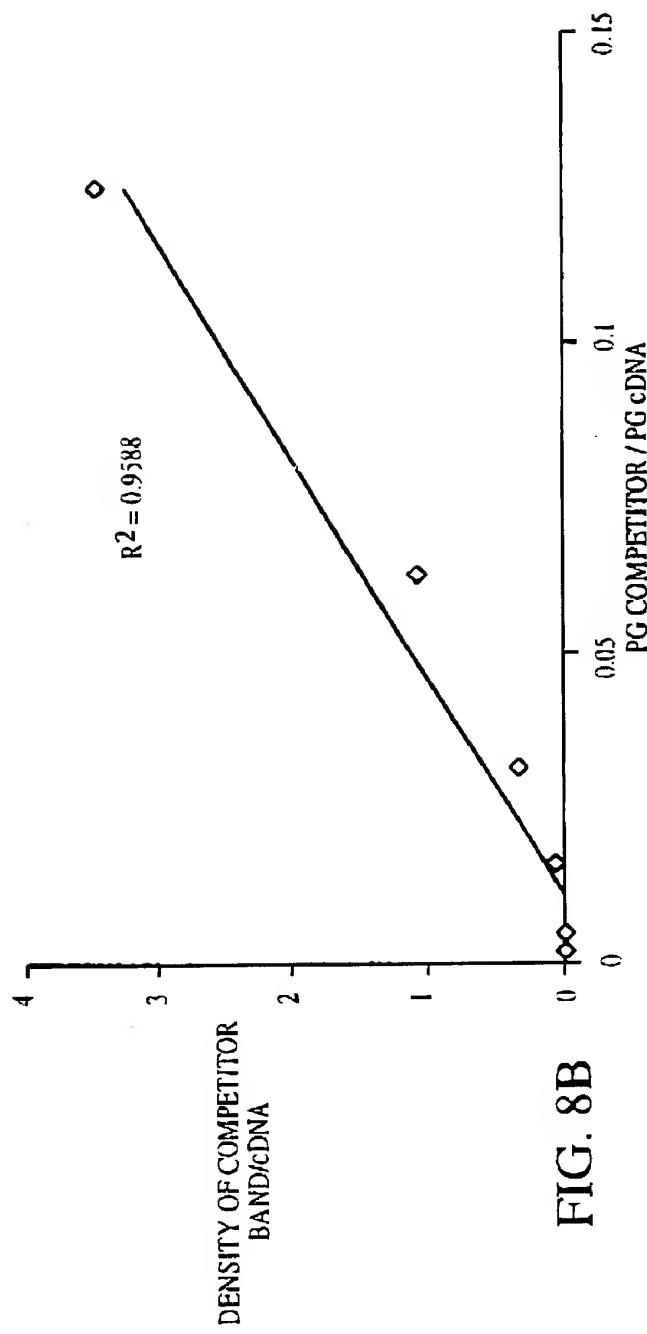
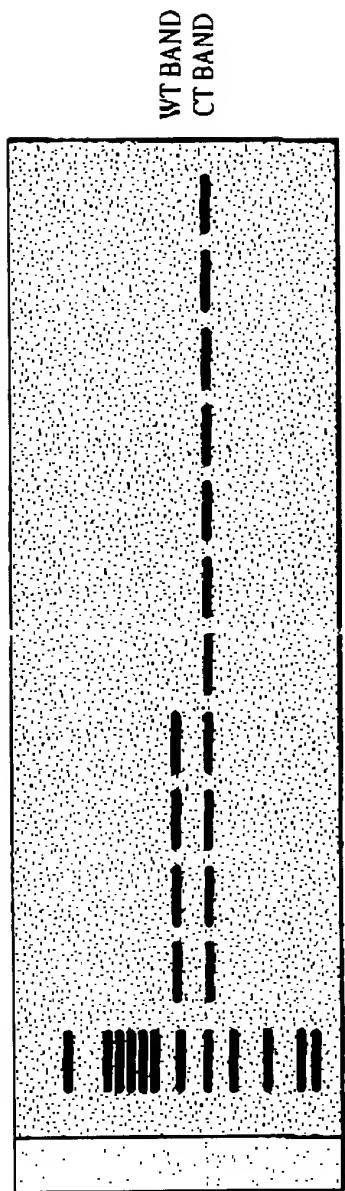


FIG. 7



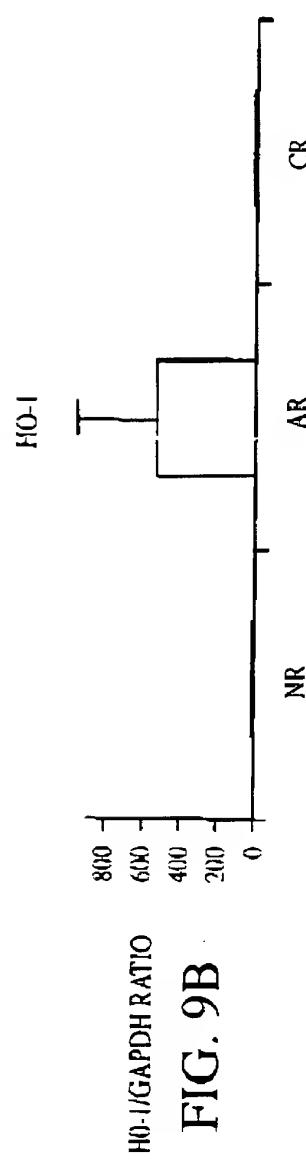
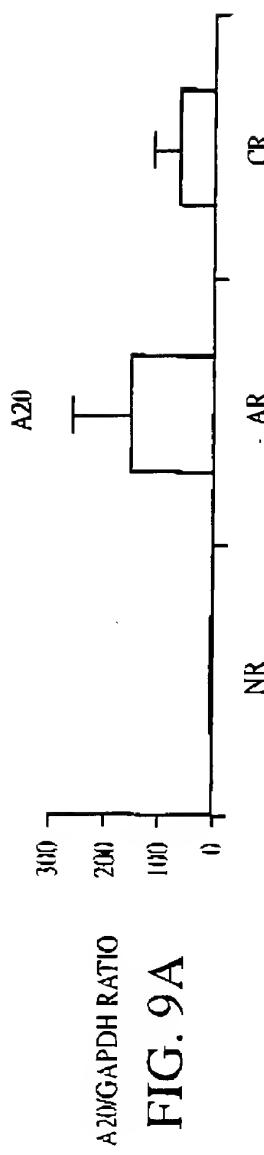
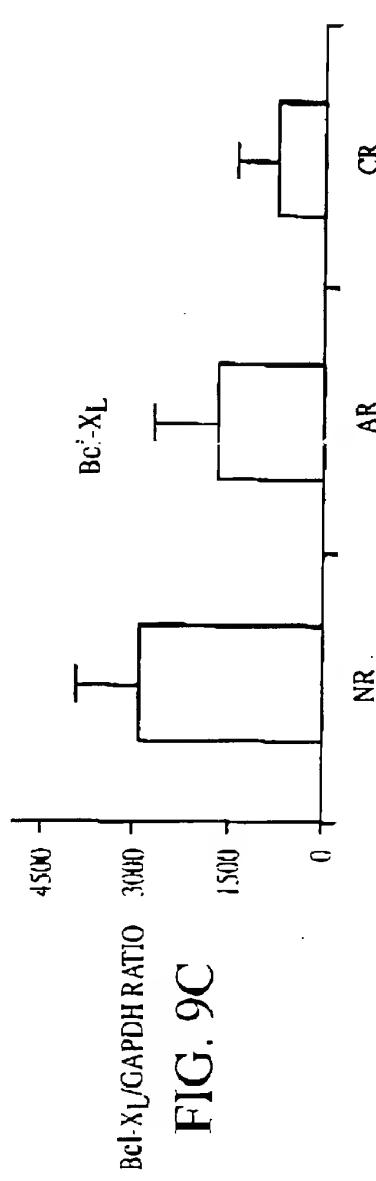
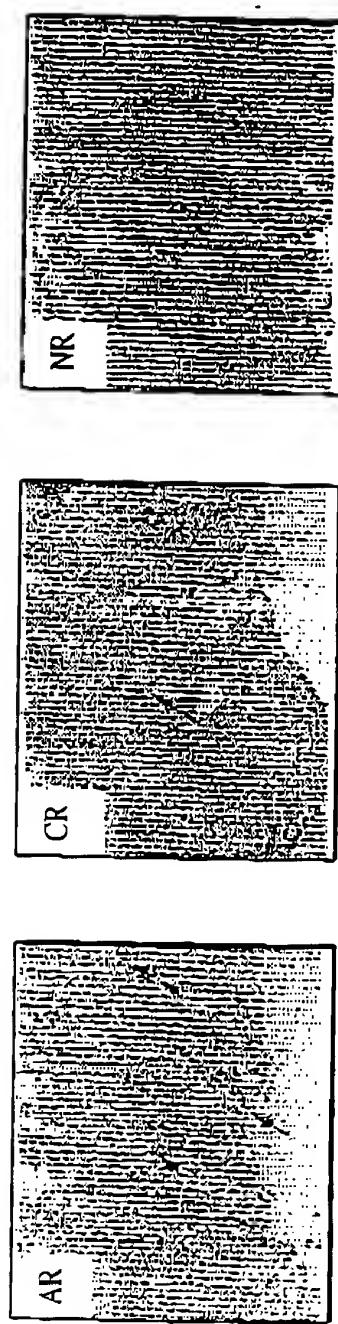


FIG. 9B



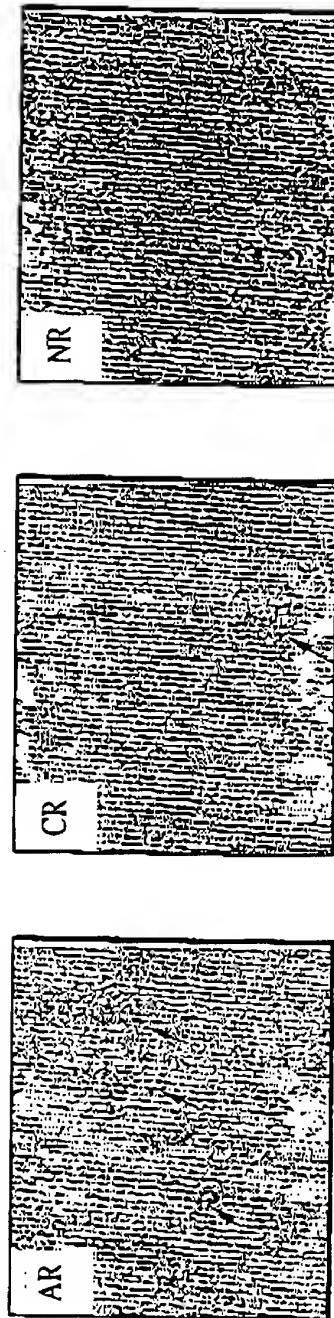


<u>AR</u>	ACUTE REJECTION	<u>CR</u>	CHRONIC REJECTION	<u>NR</u>
<u>A20</u>	+	<u>A20</u>	+	NONREFLECTION
ENDOTHELIAL		ENDOTHELIAL	+	
INFILTRATING	+	INFILTRATING	+	

FIG. 10A

FIG. 10B

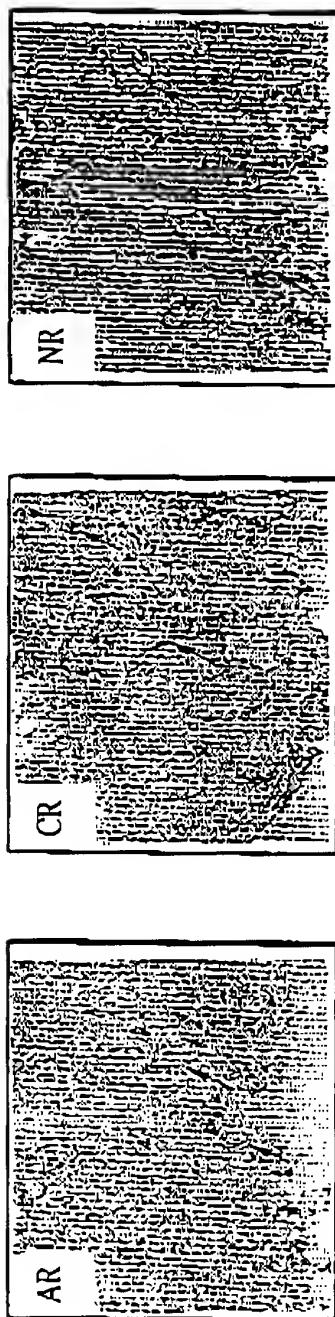
FIG. 10C



<u>HO-1</u>	ACUTE REJECTION	CR CHRONIC REJECTION	<u>HO-1</u>	NR NONREJECTION
ENDOTHELIAL	+	ENDOTHELIAL	-	ENDOTHELIAL
TUBULAR	+	TUBULAR	-	TUBULAR
INFILTRATING	+	INFILTRATING	-	INFILTRATING

FIG. 10D FIG. 10E

FIG. 10F



<u>AR</u> ACUTE REJECTION	<u>CR</u> CHRONIC REJECTION	<u>NR</u> NONREJECTION
<u>Bcl-XL</u> ENDOTHELIAL	<u>Bcl-XL</u> ENDOTHELIAL +	<u>Bcl-XL</u> ENDOTHELIAL +

FIG. 10G

FIG. 10H

FIG. 10I